

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Presently Amended): A process ~~Process~~ for the production of polymeric organic mouldings, comprising ~~characterised by the following process steps:~~
 - a) providing ~~provision of~~ a matrix moulding having cavities ~~as matrix,~~
 - b) filling ~~of~~ the cavities of the moulding with a monomer solution,
 - c) polymerizing ~~polymerisation of~~ the monomer solution,
 - d) removing ~~removal of~~ the matrix moulding by washing out and dissolution.
2. (Presently Amended): A process ~~Process~~ according to Claim 1, wherein ~~characterised in that~~ the matrix moulding ~~used~~ is a silica gel moulding.
3. (Presently Amended): A process ~~Process~~ according to Claim 1, wherein said ~~characterised in that~~ a matrix moulding is one which has been modified with template molecules ~~is used~~.
4. (Presently Amended): A process ~~Process~~ according to Claim 1, wherein ~~characterised in that~~ aqueous hydrofluoric acid is used for washing out the matrix moulding.
5. (Presently Amended): A polymeric ~~Polymeric~~ organic moulding which can be produced by the process according ~~corresponding~~ to Claim 1.
6. (Presently Amended): A polymeric ~~Polymeric~~ organic moulding according to claim 5, wherein ~~characterised in that~~ the surface of the moulding has separation effectors.
7. (Presently Amended): A chromatographic ~~Chromatographic~~ separating column, containing a moulding according to Claim 5.

8. (Presently Amended): A process for Use of a moulding according to Claim 5 in the chromatographic separation of at least two substances comprising separating said at least two substances using a moulding according to claim 5.

9. (New): A process according to claim 1, wherein said polymeric organic moulding is a flat mouldings having a thickness of 0.2 - 20 μm .

10. (New): A process according to claim 1, wherein said polymeric organic moulding is a column-shaped moulding having a diameter of 0.1 cm - 5 cm and a length of 1 - 30 cm.

11. (New): A process according to claim 1, wherein said polymeric organic moulding has interconnected macropores having a diameter which has a median value of greater than 0.1 μm , and mesopores, in the walls of the macropores, having a median value of 2 - 100 nm.

12. (New): A process according to claim 1, wherein said monomer solution contains monoethylenically or polyethylenically unsaturated monomers.

13. (New): A process according to claim 1, wherein said monomer solution contains monomers selected from vinyl monomers, vinylaromatic monomers, vinylaliphatic monomers, vinyl acetates, vinyl propionates, acrylic monomers, ethoxymethyl, and methacrylic acid esters or amides thereof.